



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6305G01052-3G
Job Sheet 184975



Part No: RBW6305G01052-3G

Job Qty: 3 ea **621**

Part Name: Wrench, Main Gear Box Oil Pump Ring Nut Removal/Install



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/19/18

Job Tracking No:

Due Date: 11/19/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG RBW6305G01052-3G Rev. 0 IPP Rev. A 18.09.25 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	3 Ea	11/19/18	11/19/18	0.00	0.00	Start Up Machining-3		<i>12/12/18</i>
120	CNC Lathe	3 pcs	11/19/18	11/19/18	0.00	0.38	MORI SL-154		<i>12/12/18</i>
130	QC	3 pcs	11/19/18	11/19/18	0.00	0.00	QC2 Machining-4		<i>12/12/18</i>
140	QC	3 pcs	11/19/18	11/19/18	0.00	0.00	QC8 Machining-4		<i>12/12/18</i>
170	Outsource	3 pcs	11/19/18	11/19/18			GRO002-VC	10	<i>12/12/18</i>
180	Packaging	3 pcs	11/19/18	11/19/18	0.00	0.00	Packaging2		<i>DEC 18 2018</i>
190	QC	3 pcs	11/19/18	11/19/18	0.00	0.00	QC6		<i>38</i>
200	Packaging	3 pcs	11/19/18	11/19/18	0.00	0.00	Packaging3-1		<i>DEC 18 2018</i>
210	QC21-SA	3 Ea	11/19/18	11/19/18	0.00	0.00	QC21		<i>DEC 18 2018</i>

Part Op 120 - 1-Machine as per DWG. FC397 FOLIO REV: *AA* DWG REV: *N/A* 2-Deburr
Descriptions: 170 - -Issue P/O to GROUPE ALTECH: P/O *042024* -Zinc plate, ASTM B633 TYPE 2 SC2 *2-00* color; yellow -Material type; 4140 -Certificate of Conformity is required

GA096

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R1.500	AISI 4140 Quenched &Tempered Steel Round Bar 1.500" Dia.	.3450 ft (.115 ea)	90-Start up Operation	<i>5009411</i>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R1.500	0	17	0

Part Specifications

Specifications could not be found.

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

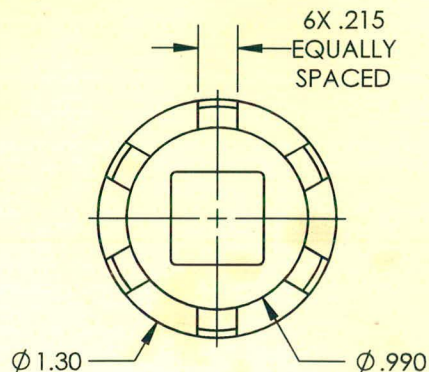
QA Closed: _____ Date: _____

Work Order update only ☐

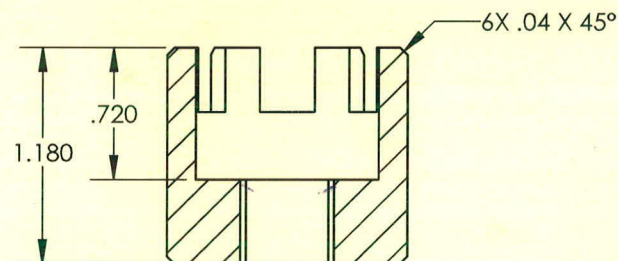
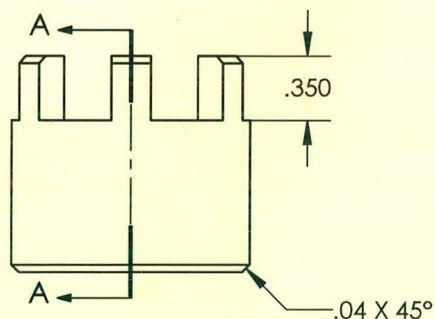
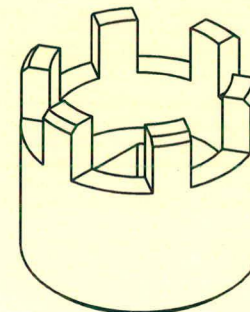
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition			Completed By
					Lead hand / Supervisor Approval Verification
					QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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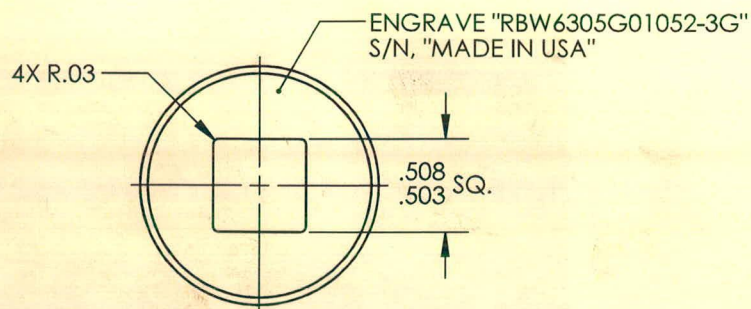
REV		DESCRIPTION	DATE	INITIAL	APPROVED



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 184975 MGS
18-10-19



SECTION A-A



- NOTES:
1. REF. AGUSTA T/N: 3G6305G01052.
2. PART OF KIT: RBW6305G01132-3G.

RED BARN MACHINE	
TITLE WRENCH, MGB OIL PUMP RING NUT REMOVAL/INSTL	
DWG NO. RBW6305G01052-3G-3	REV
MAT'L 4140 Q&T	DRAWN BY: CLOUGH
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT FINISH CAD PLATE YELLOW
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL AW139
SCALE 1:1	DATE 2/27/2014
SHEET 1 OF 1	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-3	1	WRENCH	4140 Q&T	Ø1-3/8 X 1-3/8	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S136491



Part: RBW6305G01052-3G

Job No: 184975

Serial No/Batch: S136491

Revision: 0

Inspector:

Exp Date:

Instructions:

Date: 12/10/18



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO042024**

Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

PO No: PO042024
PO Date: 12/12/18
Due Date: 12/19/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	187620	RB T103140-101-1	Plate Assembly -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color yellow -Certificate of Conformity is required	Firmed	-	12/19/18	2 pcs	0 pcs	2 pcs	\$45.00/pcs	\$90.00
					2x	DEC 18 2018					
2	185463	RBE1120-31502W1-1	Base -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 1018 -Certificate of Conformity is required	Firmed	-	12/19/18	2 pcs	0 pcs	2 pcs	\$0.01/pcs	\$0.02
					2x	DEC 18 2018					



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PURCHASE ORDER **PO042024**

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	185464	RBE1120-31502W1-3	Top -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 1 SC2 -Color; Clear -Material type; 1018 -Certificate of Conformity is required	Firmed	-	12/19/18	2 pcs	0 pcs	2 pcs	\$0.01/pcs	\$0.02
4	184975	RBW6305G01052-3G	Wrench, Main Gear Box Oil Pump Ring Nut Removal/Install -Issue P/O to GROUPE ALTECH: P/O _____ -Zinc plate, ASTM B633 TYPE 2 SC2 -Color; yellow -Material type; 4140 -Certificate of Conformity is required	Firmed	-	12/19/18	6 pcs	0 pcs	6 pcs	\$0.11/pcs	\$0.66
Grand Total:										\$90.70	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retension of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 12/18/18 6:10 AM dart.belanger.natasha



Certificat de Conformité / Certificate of Compliance



2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

015336 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
15-Dec-2018		Ross Montieth		042024 ✓				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	RBT103140-101-1 ✓ Rev.	RBT103140-101-1 01 - ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	2	2 ✓	0	0	0
2	RBE1120-31502W1-1 ✓ Rev.	RBE1120-31502W1-1 01 -ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	2	2 ✓	0	0	0
3	RBE1120-31502W1-3 ✓ Rev.	RBE1120-31502W1-3 01 -ZINC-CLEAR TRI [ZINC CLEAR TRIVALENT] 24 HRS ASTM B633 TYPE 1 SC2	ZINC CH	2	2 ✓	0	0	0
4	RBW6305G01052-3G ✓ Rev.	RBW6305G01052-3G 01 -ZINC-YELLOW [ZINC YELLOW] OLD YELLOW CHROMATE, 96 hours ASTM B633 TYPE 2 SC2	ZINC CH	6	6 ✓	0	0	0

DAS
38
9-89

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.

